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RELIABILITY PREDICTION

Model : T-60 Data:2000-01-19

Style	Part Type	Q'ty	λ_g	π_Q	λ_{eg}	%
9.1	Resistor-Film, Insulated (RL)	26	0.003700	10	0.962000	27.051
9.1	Resistor-Film Power (RD)	2	0.010000	10	0.200000	5.624
9.1	Resistor-Wirewound Power (RW)	1	0.008500	10	0.085000	2.390
9.1	Resistor-Film, Variable (RVC)	1	0.040000	10	0.400000	11.248
9.1	Resistor-Thermistor (RTH)	1	0.001400	10	0.014000	0.394
10.1	Capacitor-Metal, Plastic (CH)	9	0.000510	10	0.045900	1.291
10.1	Capacitor-Ceramic(Gen.) (CK)	12	0.001700	10	0.204000	5.736
10.1	Capacitor-Aluminum Dry (CE)	10	0.001300	10	0.130000	3.656
6.1	Diode-Gen. Purpose Analog	1	0.003600	8	0.028800	0.810
6.1	Diode-Switching	4	0.000940	8	0.030080	0.846
6.1	Diode-Fast Recovery Power Rectifier	2	0.023000	8	0.368000	10.348
6.1	Diode-Power Rectifier / Schottky Power	6	0.002800	8	0.134400	3.779
6.1	Diode-Voltage Ref/Reg. (Avalanche & Zener)	1	0.003300	8	0.026400	0.742
6.1	Diode-Transient Suppressor/Varistor	1	0.002900	8	0.023200	0.652
6.4	Transistor-MOSFET	1	0.014000	8	0.112000	3.149
6.11	OPTO-isolator	2	0.027000	8	0.432000	12.148
6.11	OPTO-Emitter	1	0.000470	8	0.003760	0.106
5.1	Linear Microcircuits	3	0.009500	10	0.285000	8.014
11.1	Transformer Switching	1	0.000610	3	0.001830	0.051
11.2	Coil Fixed inductor or choke	3	0.000032	3	0.000288	0.008
17.1	Single Connections-Reflow solder	222	0.000069	1	0.015318	0.431
17.1	Fuses Clip-Clip Termination	2	0.000120	1	0.000240	0.007
22.1	Fuses	1	0.010000	1	0.010000	0.281
16.1	Plated Through Hole Circuit Boards	1	0.022000	2	0.044000	1.237
Total Failure rate:					3.556216	100%

- **Data Base: MIL-HDBK-217F ,Notice 2, Parts Count** **MTBF:** 281197.77 **hrs**
- **Env.: GB**

Approved by: Dong Yu . Compiled by: Kevin Tsong .